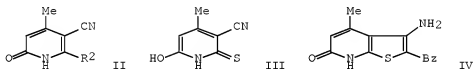


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 2-pyridones
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 Yu.
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AB Treating RCOCH:CMerI (I, R = EtO, PhNH; R₁ = morpholino) with NCCH₂CSNH₂ in EtOH 5 h at 20° gave 87% II (R₂ = SH) as its morpholinium salt, which was alkylated by PhCOCH₂Br to give 89% II (R₂ = SCH₂COPh). The latter was also obtained in 93% yield by alkylation of III with PhCOCH₂Br in DMF. Oxidation of III by CrO₃ gave 57% corresponding ketone. Cyclocondensation of III with PhCOCH₂Br in EtOH gave 80% IV. Treating I (R = EtO) with NCCH₂CSNH₂ and concentrated HCl gave III.

IT 93272-87-8P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)

RN 93272-87-8 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-amino-2-benzoyl-4-methyl- (CA INDEX NAME)

